

H 7079

to

H 7120

Station No. *H 70 79*

Date:

191

Hour: 12:00 <sup>noon</sup> . M. to

. M.

Position: Lat. 72-55-00 N Long. 110-40-00 W  
Chart 1006 H.O.

**Locality:**

Depth:

**Bottom:**

**Sample:**

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

[illegible]

11—5314

## NOTES

Psy W 23.5 D 26.0

191 6

. M.

Chart 1006 H.O.

**Locality:**

**Sample:**

## Force,

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: Under way

[illegible]

11—5314

## NOTES

Station No. *H 7081*

Date:

Aug 25

191 *C*

Hour: 1:00 P. M. to

. M.

Position: Lat. 22-54-00 N Long. 110-31-00 W  
Chart 1006 H.O.

**Locality:**

Depth:

**Bottom:**

**Sample:**

Wind: Direction,

**Force,**

Sea:

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: Under way



Station No. *H 7082*

Date: Aug 25 1916

Hour: 1:30 P. M. to . M.

Position: Lat. 22-54-00 N Long. 110-26-00 W  
Chart 1006 H.O.

**Locality:**

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

Color of water: Transparency:

REMARKS: Under way



2024

[illegible]

11—5314

## NOTES

191 *l*

. M.

Chart 1006 H.O.

**Locality:**

**Sample:**

**Force,**

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

[illegible]

**Transparency:**

REMARKS: Under way

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy W 23, 8 12266

Station No. 11714

Date: Aug 25

191

Hour: 2:30 P. M. to . M.

Position: Lat. 22-53-00 N Long. 110-17-00 W  
Chart 1006 H.O.

Locality:

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Good day*

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 75

Date:

191

Hour: 3:00 P. M. to

. M.

Position: Lat. 22-52-30 N Long. 110-13.00 W  
chart 1006 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV429	25.5	—	0.0	25.5		

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: *Shoebill way*

11—5314

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

191 *C*

Position: Lat. 22-52.00 N Long. 110-8-00 W  
 Chart 1006 H. O.

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
14.6 0	SV 1179	26.2	—	-0.	26.2		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy W 23.8 D 26.5



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H1 7189*

Date: 1/11/25 1916

191/

Hour: 5:00 P. M. to . M.

Position: Lat. 22-50-00 N Long. 109-56-00 W  
Chart 1006 H.O.

**Locality:**

Depth:

Bottom:

Sample:

Wind: Direction,

**Force,**

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 1129	25.1	—	-0.	25.1		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314



Station No. *H 7191*Date: *Aug 21*

191

Hour: *8:45 A. M.* to *9:03 A. M.*

Position: Lat.

Long.

Locality: *off the coast of Texas*

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>SV 429</i>	<i>23.8</i>	<i>—</i>	<i>-0.05</i>	<i>23.8</i>		
<i>15</i>	<i>NZ 62855</i>	<i>66.5</i>	<i>—</i>	<i>-0.55</i>	<i>66.5</i>		
<i>20</i>	<i>NZ 98256</i>	<i>66.5</i>	<i>—</i>	<i>-0.4</i>	<i>66.10</i>		
<i>50</i>	<i>NZ 71738</i>	<i>64.0</i>	<i>—</i>	<i>-0.7</i>	<i>63.30</i>		<i>2</i>
<i>75</i>	<i>NZ 19260</i>	<i>63.8</i>	<i>—</i>	<i>-0.5</i>	<i>63.30</i>		
<i>100</i>	<i>NZ 165871</i>	<i>15.1</i>	<i>20.0</i>	<i>-0.15</i>	<i>15.45</i>		
<i>125</i>	<i>SV 497</i>	<i>72.0</i>	<i>72.0</i>	<i>—</i>	<i>—</i>		
<i>150</i>	<i>Rtr 150</i>	<i>14.55</i>	<i>18.0</i>	<i>-0.1</i>	<i>14.45</i>		
<i>175</i>	<i>SV 805</i>	<i>14.0</i>	<i>17.0</i>	<i>0</i>	<i>14.50</i>		
<i>200</i>	<i>NZ 164892</i>	<i>12.05</i>	<i>17.0</i>	<i>-0.05</i>	<i>12.4</i>		<i>3</i>
<i>225</i>	<i>SV 497</i>	<i>12.05</i>	<i>17.0</i>	<i>0</i>	<i>12.05</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Lay to*

11-5314



### NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
10 fms net 12		8:45	9:00	
<del>10 fms net 12</del>				

11—5314

## NOTES

Psy (853) W 23,6 D 25,4

Last bottle down. 8:45 am

Comp. known in at 8:55 am

Last bottle up at 9:03

Drifted S 48° E 7/16 mi.

Long. <sup>from</sup> 109° 52' 8" W  
Lat. 22° 52' 28" N

6  
Long. 109° 51' 53" W  
Lat. 22° 52' 15" N

then S 80° E 1 5/16 mi.  
to

Long. 109° 50' 28" W  
Lat. 22° 52' 2" N

Chart 1666 H.O.

Station No. 11767

Date: May 20

191

Hour: 9:18 A. M. to 9:33 A. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	24.2	—	0.05	24.3 <del>24.25</del>		EX
30m	NZ 165868	18.8	23.5	-0.1	18.7		
	NZ 165869	—	—	—	—		
	NZ 164872	—	—	—	—		
	SV 497	18.0	23.8	0	18.0		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Ankil-

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf. Net off <del>from</del> 18	30 m			

11-5314

## NOTES

1st missup down at 9:18 am  
 2d " " " 9:27 "  
 3rd bottle up " " 9:33 "

Station No. *117090*Date: *Aug 26*191*4*Hour: *9:39* A. M. to *10:01* A. M.

Position: Lat. \_\_\_\_\_

Long. \_\_\_\_\_

Locality: \_\_\_\_\_

Depth: \_\_\_\_\_

Bottom: \_\_\_\_\_

Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_

Force, \_\_\_\_\_

Sea: \_\_\_\_\_

Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 1129</i>	<i>24.5</i>	<i>—</i>	<i>0 -0.05</i>	<i>24.3 24.25</i>		
<i>100m</i>	<i>NZ 165868</i>	<i>14.40</i>	<i>22.5</i>	<i>-0.15</i>	<i>14.25</i>		
	<i>NZ 165869</i>	<i>—</i>	<i>—</i>	<i>—</i>			
<i>150</i>	<i>NZ 164892</i>	<i>13.0</i>	<i>18.8</i>	<i>-0.25</i>	<i>12.75</i>		
	<i>SV 1177</i>	<i>13.90</i>	<i>19.2</i>	<i>-0.05</i>	<i>12.85</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_

Transparency: \_\_\_\_\_

REMARKS: *Stratified - Dec.*

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>100 m</i>	<i>100 m</i>	<i>9:30</i>	<i>9:50</i>	

11-5314

## NOTES

*1st messenger down at 9:39 am*  
*(~~2nd messenger down at 9:45 am~~)*

Station No. *117190*Date: *May 26* 191*6*Hour: *10:05 A.M.* to *10:42 A.M.*

Position: Lat. \_\_\_\_\_

Long. \_\_\_\_\_

Locality: \_\_\_\_\_

Depth: \_\_\_\_\_

Bottom: \_\_\_\_\_

Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_

Force, \_\_\_\_\_

Sea: \_\_\_\_\_

Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>24.3</i>	<i>—</i>	<i>0 -0.05</i>	<i>24.3 24.25</i>		
<i>75 f</i>	<i>N2165868 165869 ✓</i>	<i>15.4</i>	<i>25.5</i>	<i>0.2</i>	<i>15.2</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_

Transparency: \_\_\_\_\_

REMARKS: *Log to.*

11-5314

*Stratified -  
Rm.*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Small ...</i>	<i>75m</i>	<i>10:05</i>	<i>10:15</i> <i>10:18</i>	

11-5314

NOTES

*1st ... 10:05*  
*2d ... 10:20*

~~*...*~~

Station No. *11719*Date: *Dec 26*191*6*Hour: *10:37 A.* M. to *10:52 P.* M.

Position: Lat.

Long.

Locality: *off San Lucas Bay, N. M.*

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf.</i>	<i>SV 479</i>	<i>24.3</i>	<i>—</i>	<i>0</i> <del><i>-0.05</i></del>	<i>24.3</i>		<i>Eck</i>
<i>10 m</i>	<i>NZ 16586</i>	<i>21.1</i>	<i>25.5</i>	<i>-0.1</i>	<i>21.0</i>		
	<i>165869</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>		
<i>20</i>	<i>NZ 62855</i>	<i>66.2</i>	<i>—</i>	<i>-0.5</i>	<i>65.7</i>		
	<i>NZ 98756</i>	<i>R 66.9</i>	<i>—</i>	<i>-0.4</i>	<i>66.5</i>		
<i>30</i>	<i>NZ 71738</i>	<i>65.2</i>	<i>—</i>	<i>-0.7</i>	<i>64.5</i>		
	<i>NZ 98760</i>	<i>R 65.6</i>	<i>—</i>	<i>-0.5</i>	<i>65.1</i>		
<i>40</i>	<i>NZ 165871</i>	<i>17.2</i>	<i>—</i>	<i>-0.15</i>	<i>17.05</i>		
	<i>SV 496</i>	<i>R not</i>	<i>works</i>	<i>—</i>	<i>—</i>		
	<i>1111 150</i>	<i>17.0</i>	<i>21.1</i>	<i>+0.1</i>	<i>17.1</i>		
	<i>SV 905</i>	<i>17.0</i>	<i>21.1</i>	<i>+0.1</i>	<i>17.05</i>		
<i>50</i>	<i>NZ 164892</i>	<i>16.5</i>	<i>22.0</i>	<i>0</i>	<i>16.50</i>		
	<i>SV 497</i>	<i>R 16.5</i>	<i>22.0</i>	<i>0</i>	<i>16.50</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Light*

11-5311

*STATION - Rec.*



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Surf Net 1/2				
Surf Net 1/2	10:37	10:51		
			10:51	

11-5314

NOTES

1st messenger down at 10:37  
2d " " " " 10:50

Lost bottle up at 10:52

Temperature higher than therm. can register

Station No. *H 2171*

Date: Aug 29

191

Hour: 5:00 P. M. to

. M.

Position: Lat. 22-52-55 N Long. 109-50-00 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: Sky:

### TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy 1023.5 D 27.0

Station No. 113152

Date: Aug 27

191 (

Hour: 5:30 P. M. to . M.

Position: Lat. 22-~~55~~-20 N Long. 109-46-10 W  
Chart 1646 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

### TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11-5314

## NETS, ETC., USED

[illegible]

11—5314

## NOTES

Station No. *H 7093*

Date: Aug 27

191

Hour: 6:00 P. M. to . M.

Position: Lat. 22-57-40 N Long. 109-42-20 W  
Chart 1664 H.O.

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

### TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way







# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7095* Date: *Aug 29* 191*6*

Hour: *7:00* P. M. to . M.

Position: Lat. *73-2-45 N* Long. *109-34 15 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>26.7</i>	<i>—</i>	<i>-0.1</i>	<i>26.7</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy W 21.3 D 27.5

1916



1916

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

### TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

## NOTES

Station No. *H 70 98* Date: *Aug 27* 191*6*

Date:

Aug 27

1916

Hour: 8:30 P. M. to

M.

Position: Lat. 23-10 15 N Long. 109-22-30 W  
Chart 1664 H.O.

Locality:

Depth:

Bottom:

**Sample:**

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way





Station No. 41799

Date: Aug 27

191/

Hour: 9:00 P. M. to . M.

Position: Lat. 23-12-45 N Long. 109 18-30 W  
Chart 1664 H.O.

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	28.0	—	-0.0	28.0		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy 10250 D200





Station No. 11721

Date: Aug 27

1916

Hour: 10:00 P. M. to . M.

Position: Lat. 73-18 55 N Long. 109-14-45 W  
 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

### TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV479	78.1	—	-0.10	78.0		

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS: *Light rain.*

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H7102*

Date: Aug 27

1916

Hour: 10:30 P. M. to

. M.

Position: Lat. 23-22-75 N Long. 109-14-44 W  
Chart 1664 H.O.

Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV429	28.1	—	-0.1	28.00		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *717103*

Date: Aug 27 1916

Hour: 11:00 P. M. to . M.

Position: Lat. 23-25 40 N Long. 109-14-40 W  
Charj 1664 H.O.

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer -- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	S: 479	28.1	—	-0.1	28.00		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy W 25.5 D 28.4

Date: Aug 27 1916

Hour: 11:30 P. M. to . M.

Position: Lat. 23-29 00 N Long. 109-14-10 W  
Chart 1664 H.O.

Locality:

Depth: 10 Bottom: 10 Sample: 10

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	28.0	—	-0.	28.0		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: *Alcedo nana*

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 717105<sup>00</sup>

Date: Aug 27

191

Hour: 12:00 *midnight* . M. to . M.

Position: Lat. 73-32-22 N Long. 109-14-35 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. *F17166*

Date:

Date: Aug 28 1916

191

Hour: 1230 A. M. to . M.

Position: Lat. 23-34 45 N Long. 109-16 W  
Chart 1664 (10).

Locality:

Depth:

Bottom:

**Sample:**

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H17907*

Date:

Aug 28

191 (

Hour: 1:00 A. M. to

. M.

Position: Lat. 23-37-4 N Long. 109-18-35 W  
Chart 1664 H.O.

**.Locality:**

Depth:

**Bottom:**

Sample:

Wind: Direction,

**Force,**

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 437	77.6	—	0.	77.6		

## CURRENTS

<b>Depth</b>	<b>Hour</b>	<b>Tide</b>	<b>Time down</b>	<b>Revolutions</b>	<b>Speed</b>	<b>Direction</b>

Color of water:

**Transparency:**

REMARKS: *Muddy way*



Station No. *H 7188*

Date: Aug 20

191/

Hour: 1:30 A . M. to . M.

Position: Lat. 73-39-30 N Long. 109 21 10 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	27.6	—	-0.	27.6		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314



Station No. *H7109*

Date:

Aug 28

191/2

Hour: 2:00 A.M. to

. M.

Position: Lat. 73-41-55 N Long. 109-23-52 W  
chart 1664 H.O.

**Locality:**

Depth:

Bottom:

Sample:

Wind: Direction,

**Force,**

Sea:

Sky:

### TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV-129	27.9	—	0	27.9		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

## NETS, ETC., USED

[illegible]

11—5314

## NOTES

Station No. *F2116*

Date:

1916

Hour: 2:30 A. M. to . M.

Position: Lat. 23-41-20 N Long. 109-26-23 W

Chart 1664 H.O.

Locality:

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	S. 1709	28.1	—	-0.10	28.00		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314







# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Pen. 25.3 D 300

Station No. 14712

Date: 10/10/2011

191/

Hour: 3:30 A. M. to . M.

Position: Lat. 73-49 12 N Long. 109-31-37 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: Sky:

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: *Under 100*



Station No. 77712

Date:

Aug 28

197.

Hour: 4:00 A. M. to . M.

Position: Lat. 23-51-35 N Long. 109-34-13 W  
Chart 1664 H.O.

**.Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

### TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 4247	28.1	—	-0.1	5.0		

## CURRENTS

[illegible]

Color of water:

### Transparency:

REMARKS: Under way

11—5314

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. *H 2114*

Date: Aug. 28 1916

Hour: 4:30 A. M. to . M.

Position: Lat. 23-53-25 N Long. 109-36-8 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV-129	27.95	-	-	27.95		

## CURRENTS

[illegible]

Color of water:                      Transparency:

REMARKS: *Alcedo nana*



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy W 257 D 2813

Station No. *H 7116*

Date: Aug 28 1911

Hour: 5:30 A. M. to

. M.

Position: Lat. 23-58-15 N Long. 109-41-25 W  
Chart 1664 H.O.

**Locality:**

**Depth:**

**Bottom:**

Sample:

Wind: Direction,

**Force,**

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	27.95	—	-0.1	27.8		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. *H 7117* Date: *Aug-8*

Date: \_\_\_\_\_

1916

Hour: 6:00 A. M. to . M.

Position: Lat. 24-1-20 N Long. 109-44-40 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

[illegible]

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

11—5314

# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7116*

Date: Aug 28

1916

Hour: 6:30 A. M. to . M.

Position: Lat. 74-4-10 N Long. 109-17 45 W  
Chart 1664 H.O.

**Locality:**

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

### TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	27.25	—	-0.	27.25		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS:

Indiana way

11—5314



# NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7119*

Date: Aug 28

191 6

Hour: 7:00 A. M. to . M.

Position: Lat. 24-6-30 N Long. 109-51-22 W

Chart 1664 H.O.

Locality: Gulf of California

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV429	27.0	—	0	27.0		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

**Transparency:**

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psy W 23.7 D 27.4

Station No. *H-71* Date: *Aug 28* 191*1*

Hour: *806* A. M. to *837* A. M.

Position: Lat. Long.

Locality: *Gulf of Calif*

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	<i>SV 429</i>			<i>0</i>	<i>27.15</i>		
<i>10</i>	<i>NZ 165868</i>	<i>25.1</i>			<i>25.1</i>		
	<i>NZ 165869</i>						
<i>25</i>	<i>NZ 98256</i>	<i>R-78.0</i>		<i>-0.25</i>	<i>77.75</i>		<i>#5</i>
	<i>NZ 62855</i>	<i>L-78.5</i>		<i>-0.75</i>	<i>77.75</i>		
<i>50</i>	<i>NZ 98260</i>	<i>R-78.0</i>		<i>-0.35</i>	<i>77.65</i>		<i>#12</i>
	<i>NZ 71738</i>	<i>L-78.0</i>		<i>-0.75</i>	<i>77.05</i>		
	<i>NZ 165871</i>						
	<i>SV 496</i>	<i>L-17.8</i>	<i>25.2</i>	<i>-0.2</i>	<i>17.6</i>		
<i>100</i>	<i>SV 805</i>	<i>R-16.10</i>	<i>24.0</i>	<i>+0.05</i>	<i>16.15</i>		<i>#1</i>
	<i>RTR 150</i>	<i>L-16.15</i>	<i>23.5</i>	<i>0</i>	<i>16.15</i>		
	<i>NZ 164892</i>			<i>-0.1</i>	<i>12.1</i>		
	<i>SV 497</i>			<i>-0.25</i>	<i>12.85</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Spring to*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Ser. bel. aff. #1	10 -	8 <u>06</u>		
Bottles used		8 <u>21</u>	8 <u>23</u>	
+ net			8 <u>31</u>	

11-5314

## NOTES

1st. Major down - 8 06  
 2d " " " " 8 21

\* Temp. too high for NZ 165865

Drifted N 33° W 6 1/4 mi.

from  
 Long. 109° 55' 20" W  
 Lat. 24° 10' 15" N

to  
 Long. 109° 59' - 8" W  
 Lat. 24° 15' - 35" N.

Chart 1664 H.O.

Station No. 4 2125 Date: 191

Hour: 9.00 . M. to 7.00 . M.

Position: Lat. Long.

Locality: *entry of canal -*

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

# TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	27.2	—	-0.1	27.1		8K
5.0	NZ 165868	27.5	—	-0.1	27.4		
	NZ 165869	—	—	—	—		
	NZ 98256	—	—	-0.1	66.5		
	NZ 62855	67.0	—	-0.5	66.45		
	NZ 99260	—	—	-0.5	57.8		
	NZ 71738	58.5	—	-0.7	57.8		
	NZ 165871	—	—	—	—		
	SV 496	—	—	-0.25	13.2		
9.00	SV 805	R 12.15	21.5	-0.05	12.1		P-1
	Rtr 150	L 12.15	20.8	-0.15	12.0		
	NZ 164892	—	—	-0.15	11.7		
	NZ SV 497	—	—	-0.25	11.6		

# CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:



Station No. *H-7120* Date: *Aug 28 1916*

Hour: 9<sup>15</sup> a. M. to 10<sup>10</sup> a. M.

Position: Lat.	Long.
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Locality: *mt of Calif*

Depth: Bottom: Sample:

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	27.45	—	-0.15	27.30		
100	NZ1658681	16.0	29.0	-0.15	15.85		
	NZ1658692	—	—	—	—		
110	NZ1648928	15.5	26.5	-0.15	15.35		#3
	SV 497	—	—	—	—		

## CURRENTS

[illegible]

Color of water:

**Transparency:**

REMARKS:

11—5314

W. B. Baker  
Rec'd





Station No. H-7120 Date: Aug 28 1916

Hour: 10<sup>18</sup> A. M. to 10<sup>50</sup> A. M.

Long.

Locality:

Bottom:

Sample:

Force,

Skv:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	27.5	—	-0.1	27.5		
200	NZ 165868	1-13.7	29.5	-0.25	13.45		
	NZ 165869	V. —	—	—	—		
300	SN 497	R- 11.6	23.0	-0.15	11.45		#3
	NZ 164892	L- 11.7	22.0	-0.35	11.35		

## CURRENTS

[illegible]

**Transparency:**

11—5314

W D Baker  
Recd

## NETS, ETC., USED

[illegible]

11—5314

## NOTES

1<sup>st</sup> magr. down - 10'8  
2<sup>d</sup> " " - 10'35